Golden-cheeked Warbler and Black-capped Vireo
Property/Survey Area
Data Reporting Instructions

The following information should be used for creating a polygon shapefile[1] or an Excel spreadsheet (for those that do not have GIS). If submitting a spreadsheet, you must also submit a map(s) that clearly illustrates the exact location of the property within the context of the surrounding area so we can relocate it on a USGS topo or street map. It should clearly delineate the property boundaries to enable us to digitize them fairly accurately. Additionally, if different than the entire property, submit a map showing the actual areas covered in each survey.

The information in parentheses defines field types and field sizes for the attributes of a shapefile. Each of the bolded phrases is a column header which should be submitted in either the attribute table for the shapefile or in a standalone spreadsheet (see example spreadsheet attached) with an associated map (for those that do not have GIS).

1. **Prop_Name** (Type = Text; Length = 50): Name of property surveyed. If data is submitted as an Excel spreadsheet, then include a map that clearly shows the property boundary where the survey(s) were conducted. The property name should be labeled on the map and should correspond with the appropriate row of the Excel spreadsheet. Note: If you are creating a shapefile and survey the entire property on multiple dates, there should be multiple copies of this polygon in your shapefile. One for each date surveyed.
2. **Prop_Acres** (Type = Long): Size of total property in acres.
3. **Survey_Name** (Type = Text; Length = 50): Name of area surveyed, if the whole property was not surveyed or was not completely covered in one visit. If data is submitted as an Excel spreadsheet, then include a map that clearly shows the boundary(s) of the area(s) surveyed within the property polygon. Each surveyed area should be labeled on the map and should correspond with an identically labeled row (or rows if surveyed more than once) in the Excel spreadsheet. Note: There will likely be duplicate polygons for each area surveyed. One polygon for each date that was surveyed.
4. **Surv_Acres** (Type = Long): Size of area surveyed if different from total property size.
5. **Comp_ Name** (Type = Text; Length = 50): Name of company/organization/or individual responsible for conducting the surveys.
6. **Surv_Date** (Type = Double): Date of survey. Entries should be formatted as YYYYMMDD.
7. **Survey_Type** (Type = Text; Length = 25): Describe the type of survey conducted. Entries should only include [Presence/absence protocol, Incidental, Other]. Use "Incidental" for any random observations. Use "Other" if you used another survey method besides FWS protocol.

---

[1] All GIS files should be in NAD 83, latitude/longitude (decimal degrees).

8. **Type_Notes** (Type = Text; Length = 50): Briefly describe the type of survey conducted if you used "Other" in the Survey_Type column. This is only intended to be a brief description; a complete description of any non-FWS protocol survey conducted should be included in the annual report that references this survey.

9. **Begin_Time** (Type = Double): Report the time the survey began using military time.

10. **End_Time** (Type = Double): Report the time the survey ended using military time.

11. **Tapes** (Type = Text; Length = 3): Report whether tapes were used or not. Entries should only include [Yes, No].

12. **Birds** (Type = Text; Length = 3): Report whether birds were observed in the surveyed area during the survey period described above. Entries should only include [Yes, No].

13. **Species** (Type = Text; Length 5): Bird species observed. Entries should be limited to [GCWA, BCVI].

14. **WndSpd_Max** (Type = Double): Maximum observed windspeed during survey described above.

15. **WndSpd_Min** (Type = Double): Minimum observed windspeed during survey described above.

16. **Precip** (Type = Text; Length = 50): Briefly describe any precipitation encountered during survey.

17. **Begin_Temp** (Type = Double): Report temperature at beginning of survey in degrees Fahrenheit.

18. **End_Temp** (Type = Double): Report temperature at end of survey in degrees Fahrenheit.